

# PostMan

# How it Works ?

- Create REST request.
  - Define endpoint URL
  - Set request parameter
  - Define authorization
  - Add header (Authorization key is generated)
  - Set body
  - Add some pre/post request script
- Configuration like SSL, redirection, etc... (with wrench icon)
- Define /override /use variable (with gearing icon / eye icon / format {{VariableName}})

My Workspace

Invite

Upgrade

GETUntitled Request

POSTToken CMT - DE

GETintrospect

introspect

GETSGM tasks - i X

[DELETED] SGM t

+

...

DEV

SGM tasks - myWorkbaskets

Examples (0)

GET

{{EnvURL}}/{{APIv1}}/tasks?scope=myWorkbasket&workbasketId=CMT\_TestMailbox3

Send

Save

Params

Authorization

Headers

Body

Pre-request Script

Tests

Cookies

Code

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> scope	myWorkbasket			
<input checked="" type="checkbox"/> workbasketId	CMT_TestMailbox3			
Key	Value	Description		

Response

introspect

GETSGM tasks - i X

[DELETED] SGM t

+

...

DEV

Edit

VARIABLE	INITIAL VALUE	CURRENT VALUE
EnvURL	https://pegdevweb017.fr.world.socgen:7011	http://pegdevweb017:7010

Globals

Edit

VARIABLE	INITIAL VALUE	CURRENT VALUE
APIv1	prweb/api/v1	prweb/api/v1
SGCONNECT_CODE		
SGCONNECT_TOKEN		0Mxj-QjxH401ThDiaC5sUC9BVoo

Use variables to reuse values in different places. Work with the current value of a variable to prevent sharing sensitive values with your team. [Learn more about variable values](#)

SETTINGS

General

Themes

Shortcuts

Data

Add-ons

Sync

Certificates

Proxy

Update

About

REQUEST

HEADERS

Trim keys and values in request body

SSL certificate verification

Always open requests in new tab

Language detection

Request timeout in ms (0 for infinity)

Automatically persist variable values

Enabling this will persist the current value of

OFF

OFF

ON

Auto

0

OFF

Send no-cache header

Send Postman Token header

Retain headers when clicking on links

Automatically follow redirects

Send anonymous usage data to Postman

OFF

OFF

ON

OFF

OFF

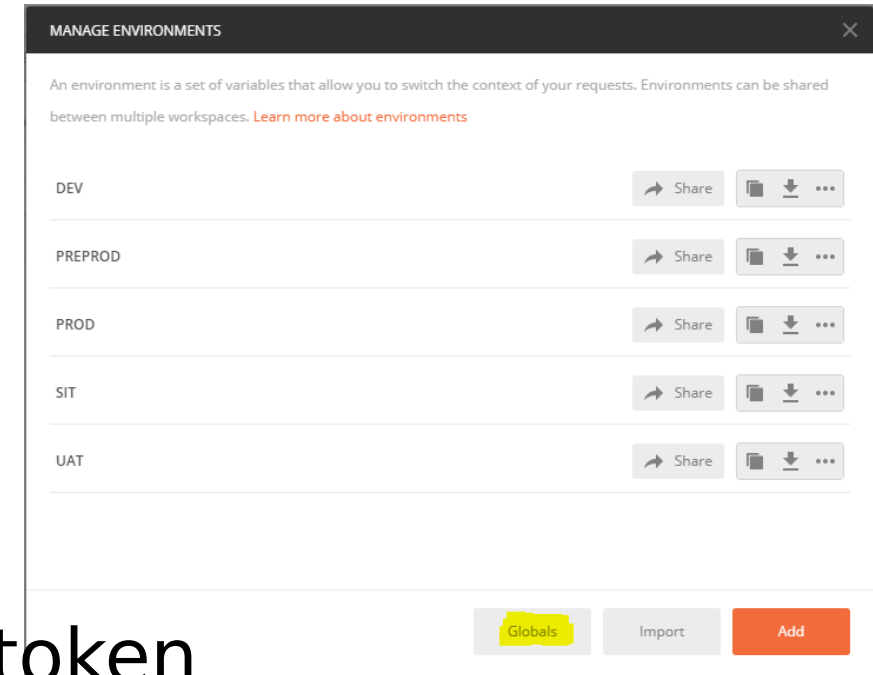
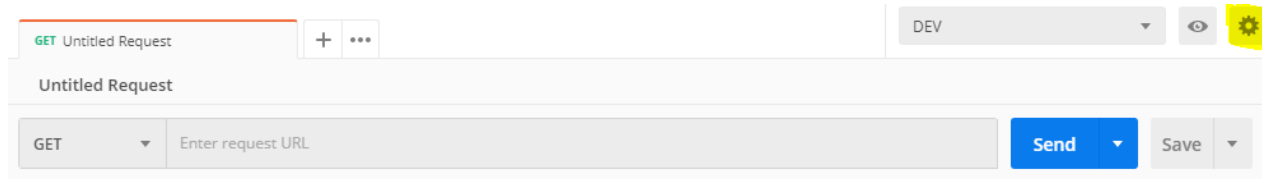
# Why use it ?

- Same behavior than API “swagger” page with additional feature:
  - Allow to use specific SG|Connect token
    - Use real token instead of implicit token
    - Test correct subscription to API
  - Allow to save request sent (instead of rewrite request each time).
  - Send request easily thanks to collection (instead of open specific swagger each time)
  - Allow to generate “Client Credential” token easily

# Proposed workspace

- Pre-defined variable to switch environment and use « client credentials » token easily
- Pre-defined collection to use following application API: CMT, SG|Connect, SG|Doc, X-One, Colline, eSign, IC Services, SGM|Contact
  - Colline, eSign, IC Services and SGM|Contact collection are not complete.
- Each collection contains link to API documentation in description
- To use it, import manually all json files from directory F:\ITEC-DPR-SER\PEGA Solutions\TOOLS\PostMan

# Global variable



## Define static value and SGConnect token

- APIv1 -> Currently used but not very usefull
- SGCONNECT\_CODE -> Used for SG|Connect « code » flow  
Works with cookie but complicated
- SGCONNECT\_TOKEN -> Used for SG|Connect « client » flow

### Globals

	VARIABLE	INITIAL VALUE ⓘ	CURRENT VALUE ⓘ	...	Persist All	Reset All
<input checked="" type="checkbox"/>	APIv1	prweb/api/v1	prweb/api/v1			
<input checked="" type="checkbox"/>	SGCONNECT_CODE					
<input checked="" type="checkbox"/>	SGCONNECT_TOKEN		Arw8IzIfXPK8JilniNNie3wM2s			

# Environments variable

- Define CMT environment

MANAGE ENVIRONMENTS

An environment is a set of variables that allow you to switch the context of your requests. Environments can be shared between multiple workspaces. [Learn more about environments](#)

DEV

Share

PREPROD

Share

PROD

Share

SIT

Share

UAT

Share

Globals

Import

Add

MANAGE ENVIRONMENTS

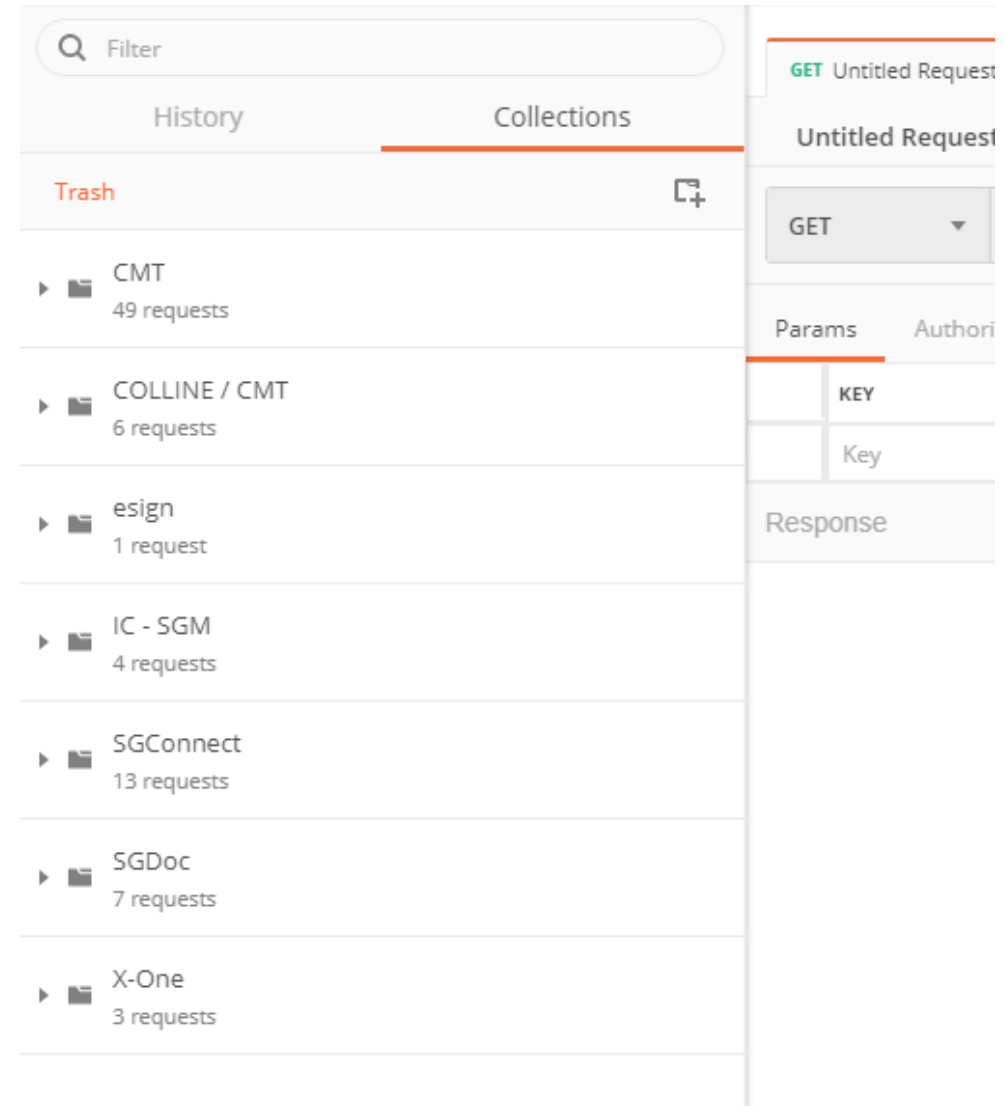
Environment Name

DEV

	VARIABLE	INITIAL VALUE ⓘ	CURRENT VALUE ⓘ	...	Persist All	Reset All
<input checked="" type="checkbox"/>	EnvURL	https://pegdevweb01...	http://pegdevweb017:7010			
	Add a new variable					

# Collection

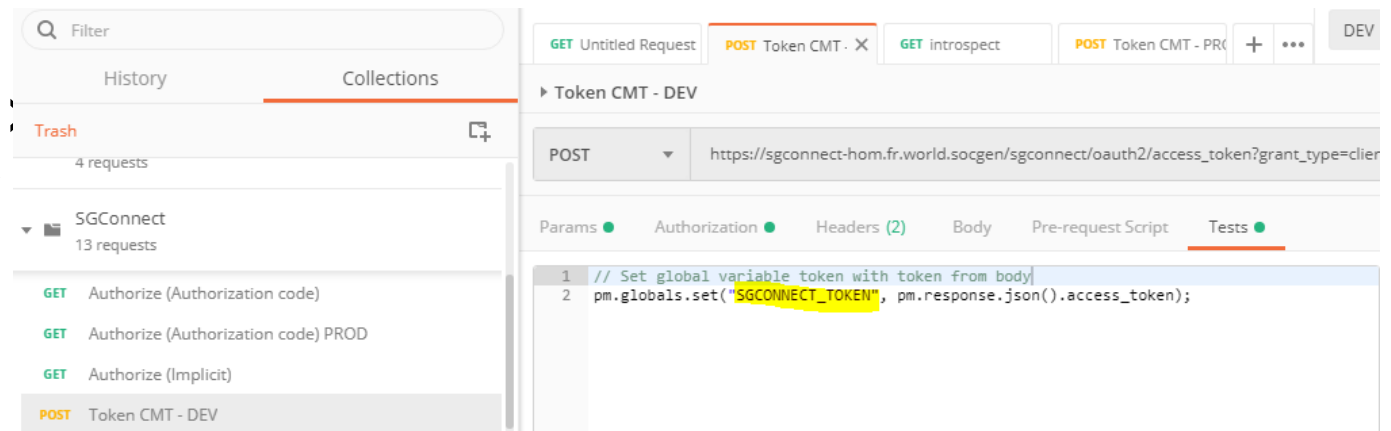
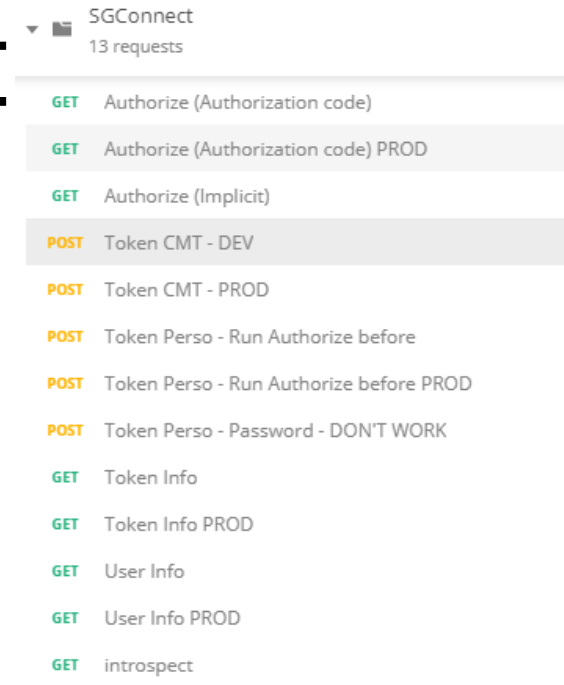
- Contains existing request





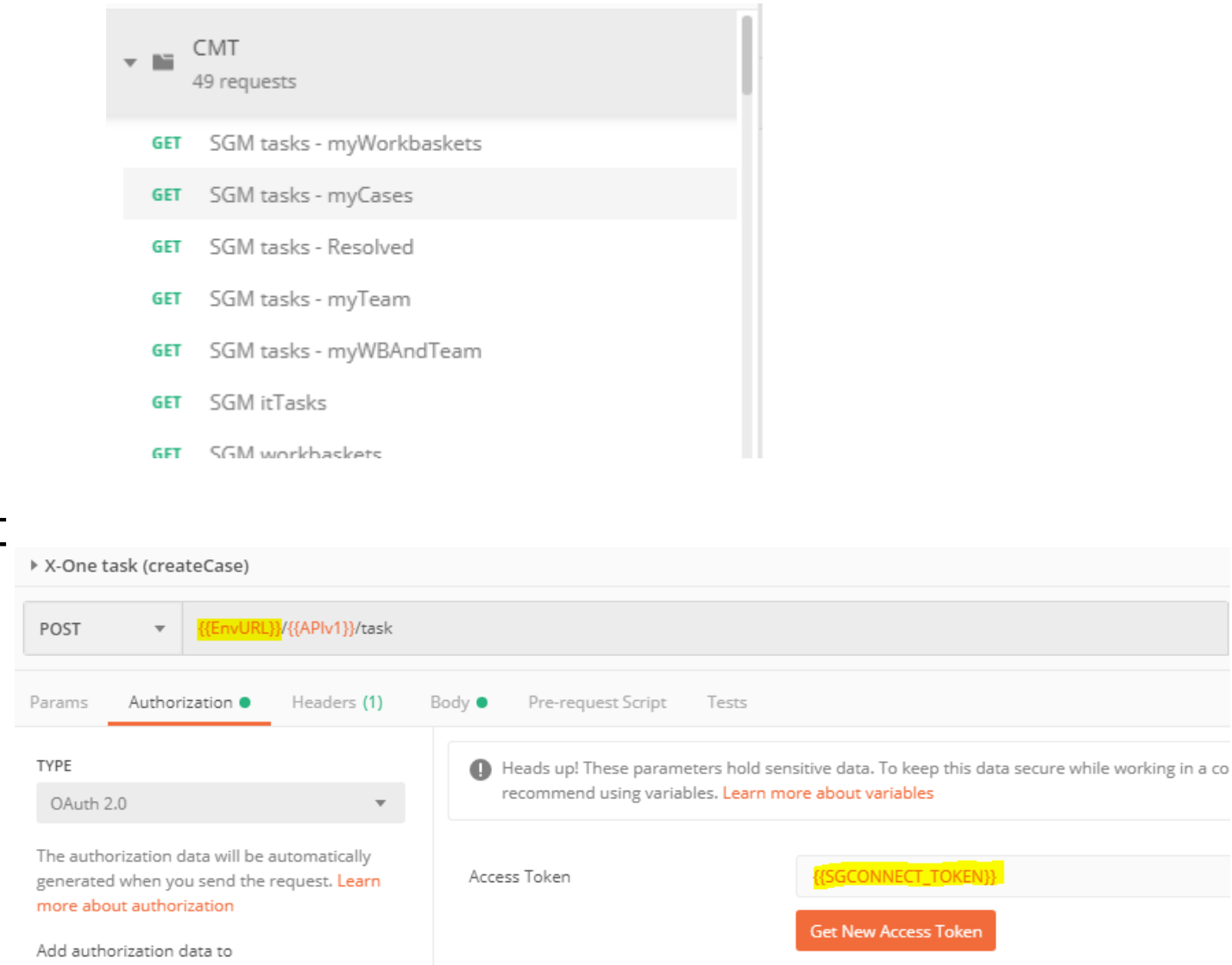
# Collection SG|Connect

- Some request to SG|Connect
- « Token CMT – DEV » and « Token CMT – PROD » set variable « SGCONNECT\_TOKEN » with token provided by SG|Connect (flow «client »)



# Collection CMT

- Contains request to CMT API
- Use environment variable « EnvURL » to request correct environment
- Use global variable « SGCONNECT\_TOKEN » to use correct token
- SGCONNECT\_TOKEN can be a « client » flow token set by request « Token CMT » or a « code » flow token set manually



# Other collection

- Request to partner
- Hard coded endpoint URL
- In most requests, authentication is Oauth 2.0 with variable `{{SGCONNECT_TOKEN}}`

The screenshot displays a REST client interface for a GET request. The top bar shows the method 'GET' and the URL 'https://sgdocs-hom.fr.world.socgen:11443/v2/api/documents/0000556958/1/content'. Below the URL bar are 'Send' and 'Save' buttons. The interface has tabs for 'Params', 'Authorization' (which is selected), 'Headers', 'Body', 'Pre-request Script', and 'Tests'. On the right side of the tabs are links for 'Cookies' and 'Code'. In the 'Authorization' tab, the 'TYPE' is set to 'OAuth 2.0'. A warning message states: 'Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [Learn more about variables](#)'. Below this, the 'Access Token' field contains the variable '{{\$SGCONNECT\_TOKEN}}'. To the right of the token field is an 'Available Tokens' dropdown menu. At the bottom right, there is a 'Get New Access Token' button.

▶ GET DOC Examples (0) ▼

GET ▼ https://sgdocs-hom.fr.world.socgen:11443/v2/api/documents/0000556958/1/content Send ▼ Save ▼

Params Authorization ● Headers Body Pre-request Script Tests Cookies Code

TYPE

OAuth 2.0 ▼

The authorization data will be automatically generated when you send the request. [Learn more about authorization](#)

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [Learn more about variables](#) ×

Access Token {{\$SGCONNECT\_TOKEN}} Available Tokens ▼

Get New Access Token